

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (previously presented) A compact air conditioner for automobiles, comprising:
 - an evaporator positioned on an upstream side of an interior flow passage of the air conditioner;
 - a heater core positioned on a downstream side of said interior flow passage;
 - a defrost vent selectively opened and closed by a defrost door, and positioned in a mixing chamber that is situated in an exit of said interior flow passage;
 - a face vent opened and closed by a face door;
 - a first partition positioned between said evaporator and said heater core, and provided with a first blowing opening for allowing air to bypass said heater core and a second blowing opening for blowing air to said heater core;
 - a floor vent separated by a second partition from said heater core, and selectively opened and closed by a floor door;
 - a temperature regulating door for regulating degrees of opening of said blowing openings, said temperature regulating door being movably supported by walls of a housing of said air conditioner;
 - a heater chamber containing said heater core, said heater chamber being defined by said first and second partitions and a pair of side partitions, said heater chamber being open at a bottom thereof and communicating with said second blowing opening; and
 - a pair of side blowing passages each being formed between one of said side partitions and an interior wall of said housing of said air conditioner.

2. (original) The compact air conditioner according to claim 1, further comprising a heater core inserting hole, said heater core inserting hole being formed on a front wall of said air conditioner housing at a position under said evaporator so as to allow said heater core to be removably inserted into said heater chamber.

3. (original) The compact air conditioner according to claim 2, wherein said refrigerant supply and return conduits are connected to said heater core through said heater core inserting hole.

4. (previously presented) The compact air conditioner according to claim 3, wherein said heater core is horizontally disposed in said heater chamber:

5. (previously presented) The compact air conditioner according to claim 2, wherein said heater core is horizontally disposed in said heater chamber.

6. (previously presented) The compact air conditioner according to claim 1, wherein

said first partition is arcuate, said temperature regulating door being arcuate and having a curvature corresponding to that of said first partition; and

said temperature regulating door is rotatably supported by the walls of said housing so that the degrees of opening of said first and second blowing openings are selectively regulated according to an angle of rotation of said temperature regulating door.

7-20. (*cancelled*)